

The paragraph beginning on page 6, line 26 is amended as follows:

Although specific embodiments have been illustrated and described herein, it will be appreciated by those of ordinary skill in the art that any arrangement which is calculated to achieve the same purpose may be substituted for the specific embodiment shown. Therefore, it is manifestly intended that embodiments of this invention be limited only by the claims and the equivalents thereof.

The paragraph beginning on page 11, line 2 is amended as follows:

A mobile personal digital assistant (PDA) allows a user to enter information using both a touch screen and voice commands with a stylus. The stylus includes a microphone positioned at one end, and a transmitter for transmitting received voice signals to either a personal computer (PC) [processor] or the PDA [personal digital assistant]. In one embodiment, a [A] wireless stylus also includes a power supply and an activation control switch. The PC [processor] is used to translate the voice signals into translated voice [computer recognizable] data which is transmitted to the PDA [personal digital assistant] for storage and display. If the user and the PDA [personal digital assistant] are located remotely from the receiving PC [processor], voice signals are stored in the PDA [personal digital system] until a [the] later time when the PC [processor] can translate the received voice signals. Where the PDA contains [personal digital is adapted with] a processor to translate received voice signals, the stylus transmits directly to the PDA, and the PDA translates the received voice signals.

IN THE CLAIMS

Please substitute the claim set in the appendix entitled "Clean Version of Pending Claims" for the previously pending claim set. The substitute claim set reflects the amendment of previously pending claims 4-17, and the addition of new claims 18-27. New claims 18-27 are supported by the original disclosure, and no new matter is being added. Claims 4-27 are pending in this case.

The specific amendments to individual claims are detailed in the following marked-up set of claims.

4. (Twice Amended) A personal digital assistant (PDA) system comprising:
a mobile PDA [personal digital assistant] having a wireless transmitter to transmit electronic voice signals to a personal computer (PC), a wireless receiver to receive translated voice information from the PC, and a touch screen display to enter information [for producing input signals] in response to physical contact and to visually display the translated voice information; and
a [an input] stylus including [comprising:]
a housing having a first end to provide [for providing] physical contact with the touch screen[, and an opposite second end];
a microphone [located at the second end] to receive [for receiving] acoustical voice signals and to output electronic voice signals; and
a transmitter located in the housing to transmit the [for transmitting] electronic voice signals from [received by] the microphone to the mobile PDA [personal digital assistant]; and
a switch circuit for activating and deactivating both the microphone and the transmitter].
5. (Amended) The PDA [personal digital assistant] system of claim 4 wherein the mobile PDA [personal digital assistant] is electrically coupled [connected] via one or more wires to the [input] stylus to receive [for receiving] the transmitted electronic voice signals.
6. (Amended) The PDA [personal digital assistant] system of claim 4 wherein the mobile PDA receives the [personal digital assistant has a receiver for receiving] transmitted electronic voice signals from the [input] stylus via the wireless receiver [communication].
7. (Amended) The PDA [personal digital assistant] system of claim 4 wherein the [input] stylus further comprises a power supply located within the housing.

8. (Amended) A [processing] system comprising:

a personal computer (PC) having a processor, speech recognition [comprising voice translation] software to instruct the [for instructing the computer] processor to translate electronic voice signals into translated voice [machine readable] data, [the computer processor further comprising] a wireless receiver to receive the electronic voice signals, and a wireless transmitter to transmit the [for transmitting] translated voice data;

a personal digital assistant (PDA) having a touch screen display to enter information [for producing input signals] in response to physical contact and to visually display the translated voice data, the PDA further comprising a wireless receiver to receive [for receiving] the transmitted translated voice data from the personal computer [processor]; and

a [an input] stylus comprising:

a housing having a first end to provide [for providing] physical contact with the touch screen [and an opposite second end];

a microphone [located at the second end] to receive [for receiving] acoustical voice signals and to output the electronic voice signals; and

a transmitter located in the housing to transmit the [for transmitting] electronic voice signals from [received by] the microphone to either the PC [computer processor] or the PDA [personal digital assistant; and

a switch circuit for activating the transmitter].

9. (Amended) The [processing] system of claim 8 wherein the [input] stylus is to transmit [transmits] the electronic voice signals to the PC [computer processor] via the stylus transmitter [wireless communication], and the PC [computer processor] is to transmit the [transmits] translated voice [signal] data to the PDA via the PC wireless transmitter [personal digital assistant].

10. (Amended) The [processing] system of claim 8 wherein the [input] stylus is to transmit the electronic [transmits] voice signals to the PDA[,], via the stylus transmitter [a wireless communication], and wherein the PDA and the PC [computer processor] are configured for bi-

directional data communication.

11. (Amended) The [processing] system of claim 8 wherein the stylus and the PDA are electrically coupled [connected] using at least one wire.

12. (Amended) A method [of inputting data to a personal digital assistant (PDA), the method] comprising:

receiving speech [input voice signals] with a microphone located in a hand-held stylus and outputting electronic voice signals;

transmitting the electronic [the] voice signals from the hand-held stylus to a [the] personal digital assistant (PDA); and

translating the [received] electronic [input] voice signals into translated voice [computer readable] data and storing the translated voice [computer readable] data in the PDA [personal digital assistant].

13. (Amended) The method of claim 12 wherein translating the electronic voice signals comprises:

a personal computer (PC) receiving the electronic [input] voice signals transmitted from the hand-held stylus [with a personal computer];

the PC translating the electronic [input] voice signals into translated voice data [with the personal computer]; and

the PC transmitting the translated voice data [input voice signals from the personal computer] to the PDA [personal digital assistant].

14. (Amended) The method of claim 12 wherein translating the electronic [received] voice signals comprises:

the PDA receiving the electronic [input] voice signals from the hand-held stylus [with the personal digital assistant];

the PDA transmitting the electronic [input] voice signals [from the personal digital

assistant] to a personal computer (PC);

the PC translating the electronic [input] voice signals into translated voice data [with the personal computer]; and

the PC transmitting the translated voice data [input voice signals from the personal computer] to the PDA [personal digital assistant].

15. (Amended) The method of claim 12 wherein translating the electronic [received input] voice signals is performed with the PDA [personal digital assistant].

16. (Amended) A method [for a personal computer (PC) to provide voice recognition processing to a personal digital assistant (PDA),] comprising:

a stylus wirelessly transmitting electronic voice signals [, by a stylus] to a [the] personal computer (PC) [PC via a touch screen on the PDA, received electronic voice signals];

the PC wirelessly receiving [, by the PC,] the electronic voice signals;

the PC performing [, by the PC,] voice recognition processing on the electronic voice signals to produce translated text;

the PC wirelessly transmitting [, by the PC] the translated text to a personal digital assistant (PDA) [the PDA, the translated text]; and

the PDA visually displaying at least part of the translated text [on the PDA].

17. (Amended) The method of [as recited in] claim 16[,] further comprising:

storing electronic voice signals on the PDA when the [a] stylus attempts to wirelessly transmit the electronic voice signals to the PC [via a touch screen on the PDA], but the PC is not within communicating distance of the stylus;

playing the stored electronic voice signals in place of displaying translated text on the PDA if [until] the PC is not within communicating distance of the stylus; and

wirelessly transmitting the electronic voice signals from the PDA to the PC, when [once] the PC is within communicating distance of the stylus.

Please add new claims 18-27 as follows:

18. The PDA system of claim 4, wherein the microphone is located at a second end of the stylus.

19. The PDA system of claim 4 wherein the stylus further comprises:
a switch circuit to activate and deactivate the microphone and the transmitter of the stylus.

20. The system of claim 8, wherein the microphone is located at a second end of the stylus.

21. The system of claim 8 wherein the stylus further comprises:
a switch circuit to activate and deactivate the microphone and the transmitter of the stylus.

22. The method of claim 16, further comprising:
storing electronic voice signals on the PDA when the stylus attempts to wirelessly transmit the electronic voice signals to the PC, but the PC is not within communicating distance of the stylus; and
wirelessly transmitting the electronic voice signals from the PDA to the PC, when the PC is within communicating distance of the stylus.

23. A method comprising:
a PDA wirelessly transmitting electronic voice signals to a personal computer (PC);
the PC wirelessly receiving the electronic voice signals;
the PC performing voice recognition processing on the electronic voice signals to produce translated text;
the PC wirelessly transmitting the translated text to the PDA;
the PDA wirelessly receiving the translated text; and